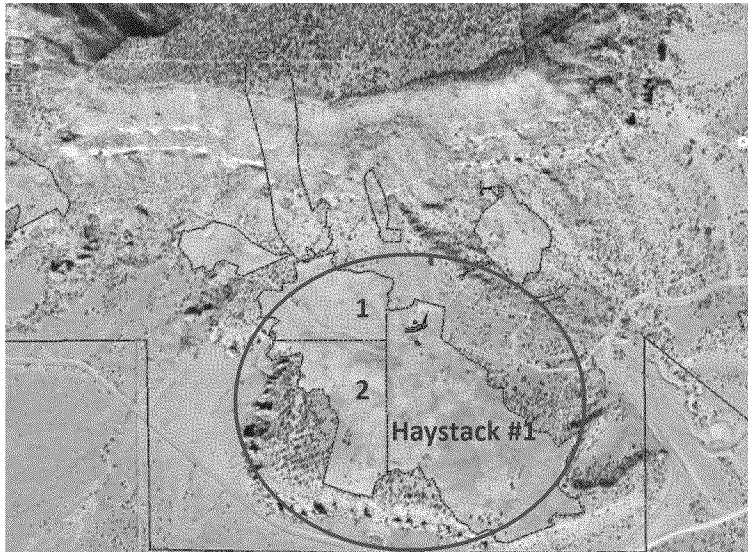


Haystack #1 AUM
Assessment activities

Primary Mission:

Fully assess the area contained within Haystack #1 AUM (70 acres) and adjacent, Section 24 (28 Acres) and Bibb Trespass (22 acres), in the X, Y and Z. (120 total acres)



Secondary Mission:

Evaluate using VIPER's data management capabilities in conjunction with the new tremble GPS units.
Evaluate Region 8 "Best Data Management Practices for Contractors Supporting EPA Response and Removal Operations" document during the site work.
Evaluate the ability to transmit Data and other information collected in real time for dissemination

Situation:

EPA is planning a general notice letter to all PRPs in regards to these areas. However, due to a number of residents living within the AUM boundaries, EPA is committed to fully conducting a Removal Site Evaluation (RSE) in concert with the enforcement process.

The Plan:

The assessment team will be made up of the following members:

- 1 Region 9 OSC
- 1 Region 8 OSC (back up region)
- 1 Region 4 OSC (site support)
- 1 ERT west member (Site support and ERT equipment (MCP, 2 ATVs, etc)
- 1 ERT contractor VIPER expert
- 3 START members (GeoProbe, sampling, field data management and site documentation)
- 1 USCG (drive GeoProbe, on site H&S)

Equipment needs:

- 1 – MCP (ERT)
- 2 - ATVs (ERT)
- 4 - VIPER ready Ludlum 2241s (Region 9)
- 4 - 3 X 3 gamma probes (START – rental)
- 2 – VIPER go-kits (gateways, tripods and other supporting equipment (some ERT))

Pre Planning needs:

Acquire 2 basic ATV pull behind ‘carts’ (ERT).

Fabrication – Will need to fabricate ‘carts’ for hosting 2 Ludlum’s and probes, with proper cables, GPS connection and power requirements (ERT).

START consultation to include a sampling and monitoring plan, a site specific DMP, and a HASP

Costs:**Travel:**

\$2000 x 5 = \$10,000 (EPA)

START:

TDD \$106,000 – The TDD will include preplanning consultation, 3 for onsite support and 1 for report writing.

USCG:

\$5,000 - \$10,000

Total:

\$126,000